

Rabbit CHRNA3 Polyclonal Antibody | anti-CHRNA3 antibody

CHRNA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302576	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

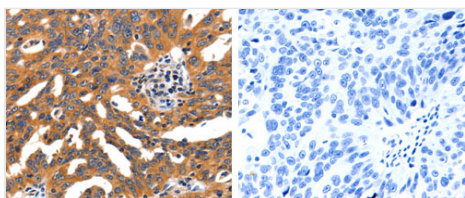
PRODUCT SYNONYMS

CHRNA3; Polyclonal Antibody; CHRNA3 Antibody; cholinergic receptor; nicotinic; alpha 3 (neuronal); LNCR2; PAOD2; NACHRA3; anti-CHRNA3 antibody

PRODUCT SPECIFICATIONS

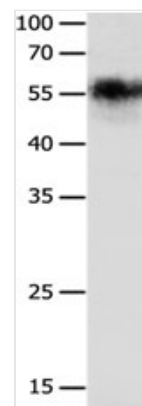
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CHRNA3 protein.
Form/Format	Supplied at 1.2mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	505
Applicable Applications for anti-CHRNA3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 69-83 amino acids of Human cholinergic receptor, nicotinic, alpha 3 (neuronal)
Target Name	CHRNA3
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 31245(CHRNA3 Antibody) at dilution 1/10, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lysate: 40 ug Hela cell lysate Primary antibody: 1/600 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA3 antibody	This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-CHRNA3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923122
NCBI GeneID	1136
NCBI Accession #	NP_000734
NCBI GenBank Nucleotide #	NM_000743.4
Molecular Weight	55,637 Da
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-3 isoform 1
NCBI Official Synonym Full Names	cholinergic receptor, nicotinic, alpha 3 (neuronal)
NCBI Official Symbol	CHRNA3
NCBI Official Synonym Symbols	LNCR2; PAOD2; NACHRA3
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-3
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-3
UniProt Gene Name	CHRNA3
UniProt Synonym Gene Names	NACHRA3
UniProt Entry Name	ACHA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chrna3-antibody-immunohistochemistry-western-blot-elisa/302576>